



DOCKET NO. 228-US-NEW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
Anderson, John P. *et al.* ) Examiner: Nikodem, D  
Serial No. 09/471,669 ) Art Unit: 1633  
Filed: December 24, 1999 )  
For: Beta-Secretase Enzyme )  
Compositions and Methods )

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Before examination, please amend the application as follows:

In the Specification:

At page 5, line 29 thereof, after the parenthetical “(“Human Imapain.seq”)”, insert the parenthetical --(SEQ ID NO: 2)--.

At page 7, lines 18-19 thereof, replace the phrase “the predicted internal amino acid sequence of a portion of human  $\beta$ -secretase” with the phrase “a peptide sequence cleavage site of APP (Swedish mutation)”.

At page 7, line 22 thereof, after the word “site” insert the phrase --of APP (wild type)--.

At page 7, line 23 thereof, replace the term “46-66” with the term --46-69--.

At page ~~12~~<sup>8</sup>, after line ~~20~~<sup>13</sup> thereof, insert the following descriptors:

--SEQ ID NO: 76 is nucleic acid encoding the N-terminus of naturally occurring  $\beta$ -

A2

75

Q